

NEW PEST ADVISORY GROUP (NPAG)

USDA APHIS - Plant Protection and Quarantine

Center for Plant Health Science & Technology
Plant Epidemiology and Risk Analysis Laboratory



NPAG@aphis.usda.gov

NEW PEST ADVISORY GROUP (NPAG)



What is NPAG?

The New Pest Advisory Group (NPAG) is the USDA, Plant Protection and Quarantine (PPQ) body that **quickly assesses** and **recommends a course of action** regarding plant pests new to or imminently threatening the United States. NPAG functions out of the Center for Plant Health Science & Technology (CPHST), Plant Epidemiology and Risk Analysis Laboratory (PERAL).

NPAG Chair: Brian M. Spears (919) 855-7527

NPAG Executive Secretary: Christina Devorshak (919) 855-7547

Email: NPAG@aphis.usda.gov

Website: <http://www.cphst.org/npag/>

NEW PEST ADVISORY GROUP (NPAG)

Mission: Assess new and imminent plant pest introductions and recommend course of action.



Mollusks



Nematodes

Weeds



Pathogens



Insects



New Pest Advisory Group (NPAG) Functions

1. Evaluate significance of plant pests believed to be new to or imminently threatening the U.S.
2. Coordinate information sharing and solicitation of expertise
Assemble an *ad hoc* panel to ensure expert evaluation
3. Recommend options and actions on how PPQ should respond to a new plant pest

The NPAG does not make policy



New Pest Advisory Group (NPAG) Functions:



What Triggers NPAG Action?

NPAG procedures begin with notification of a confirmed report of actual or potential entry of a new plant pest into the U.S.

AND

Identification verified by PPQ National Identification Services (NIS) and the ARS Systematic Entomology Lab (SEL)

Notifications and Surveillance



LiteratureListServ/Web Alerts/Pest Societies

PPQ NIS

PPQ Regional Staff

PPQ State Plant Health Directors

State Agriculture Depts

USDA ARS

US Forest Service

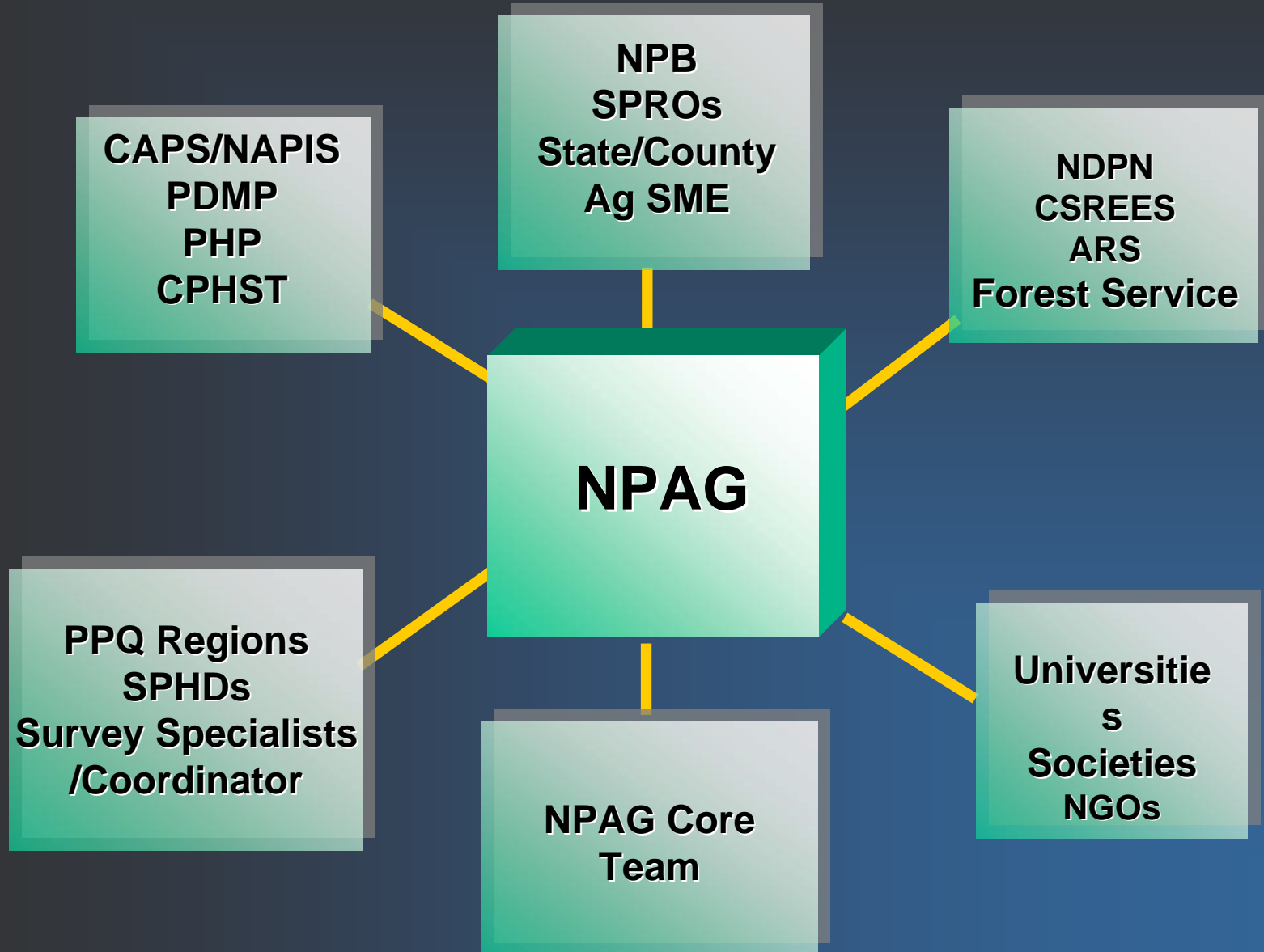
Universities/Extension

Foreign Governments

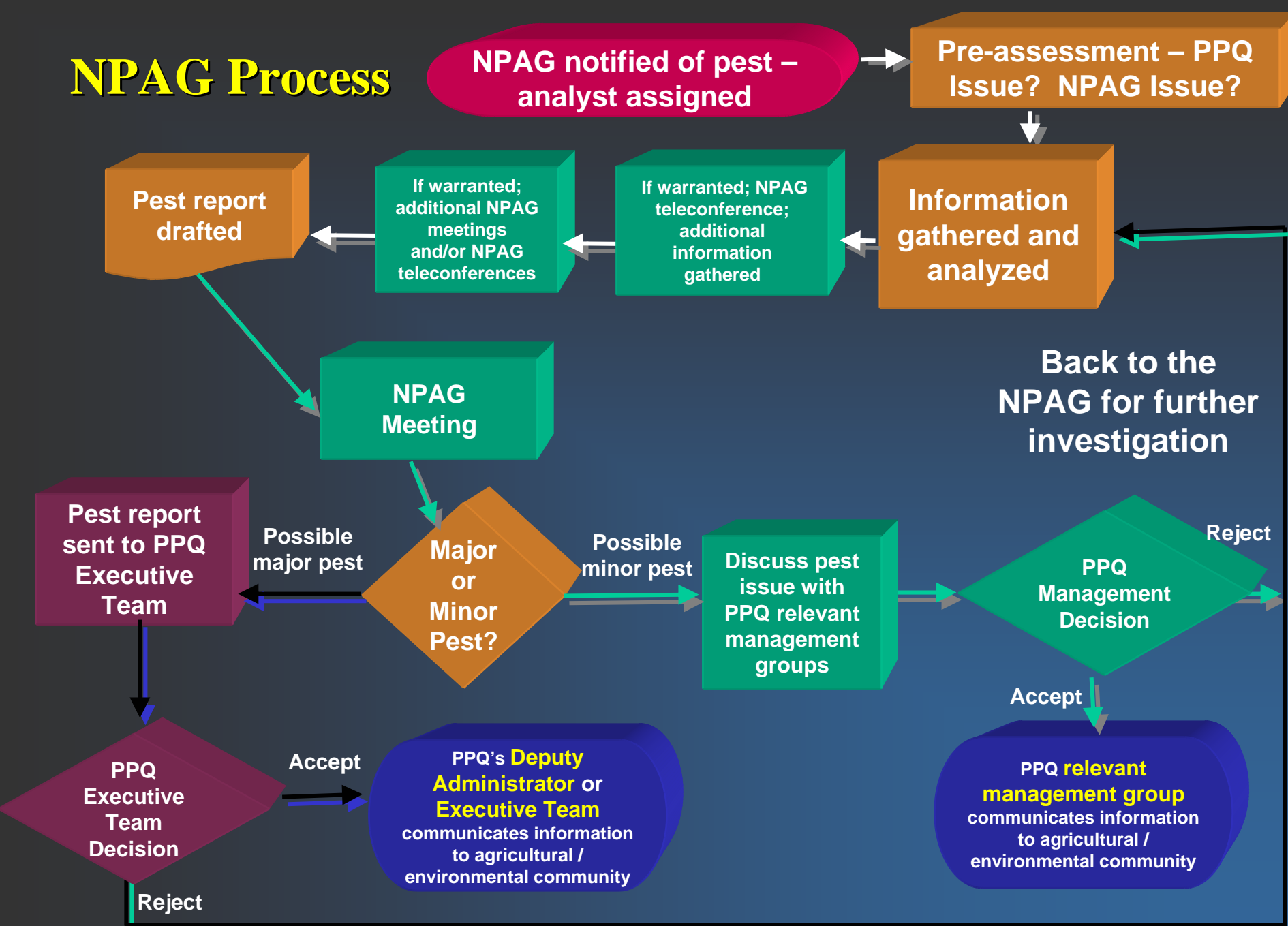
Industry

Media

New Pest Advisory Group (NPAG)



NPAG Process

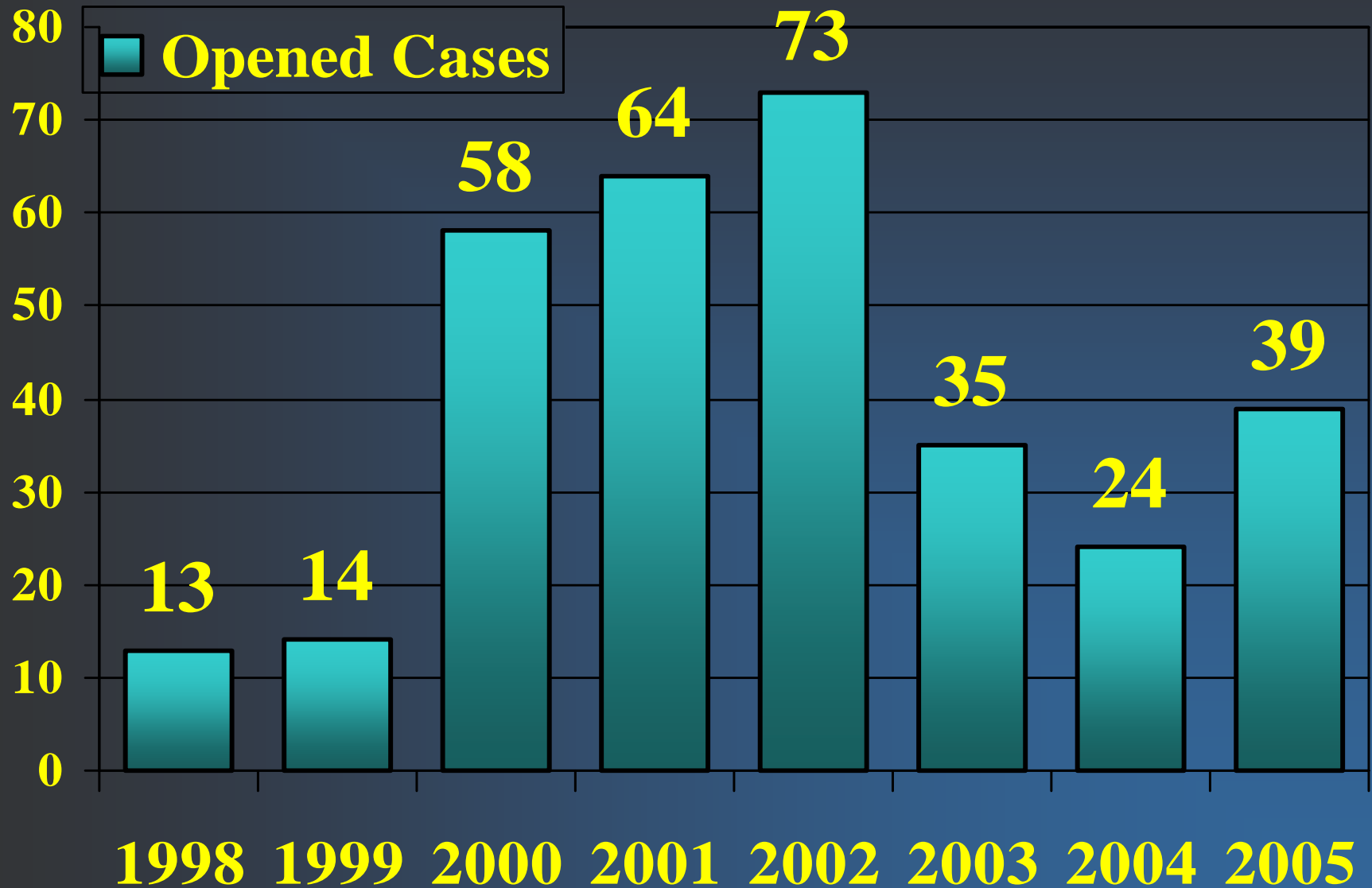


Possible NPAG Recommendations



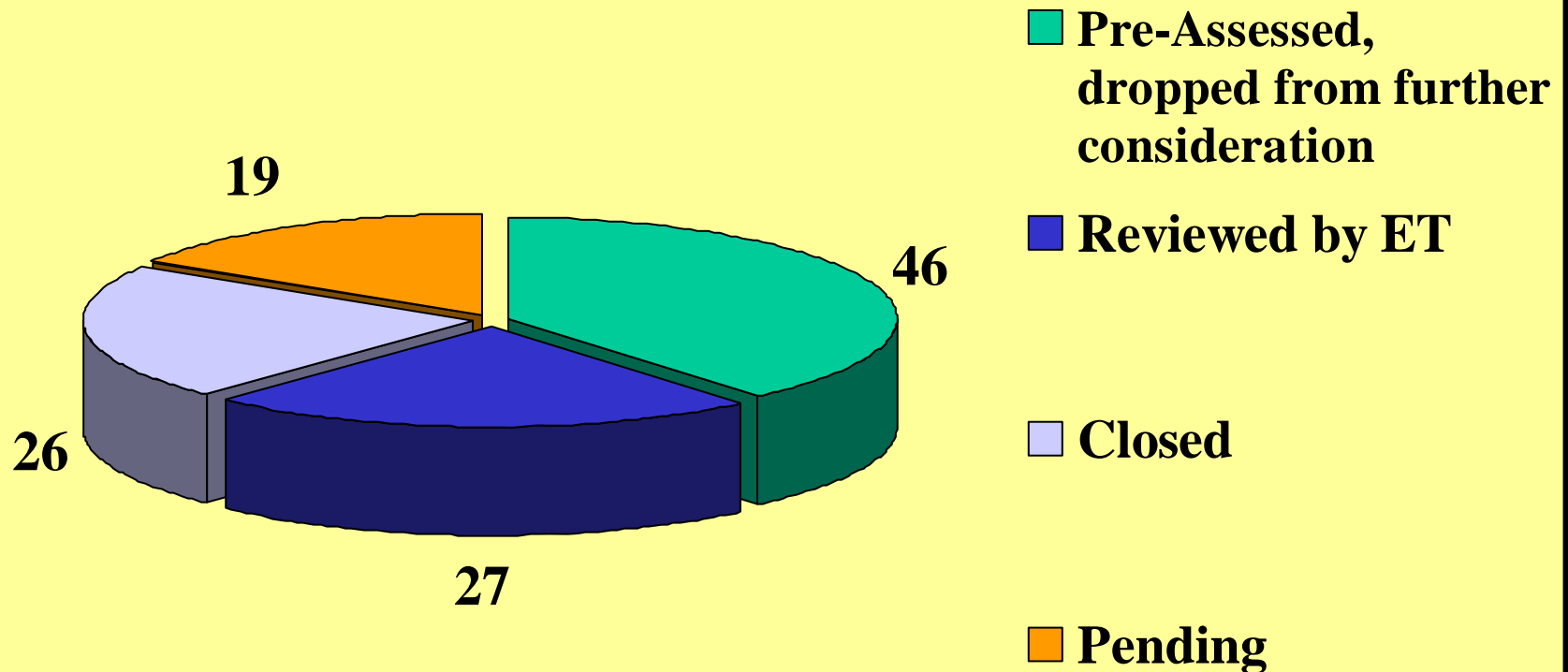
- Recommend PPQ conduct program(s) such as survey or methods development in order to gather information
- Recommend PPQ take no action against the pest
- Recommend PPQ conduct actions such as eradication, quarantine, population management or public education
- Recommend PPQ refer options and actions to other institutions such as States, other Federal agencies or industry groups

The New Pest Advisory Group (NPAG)



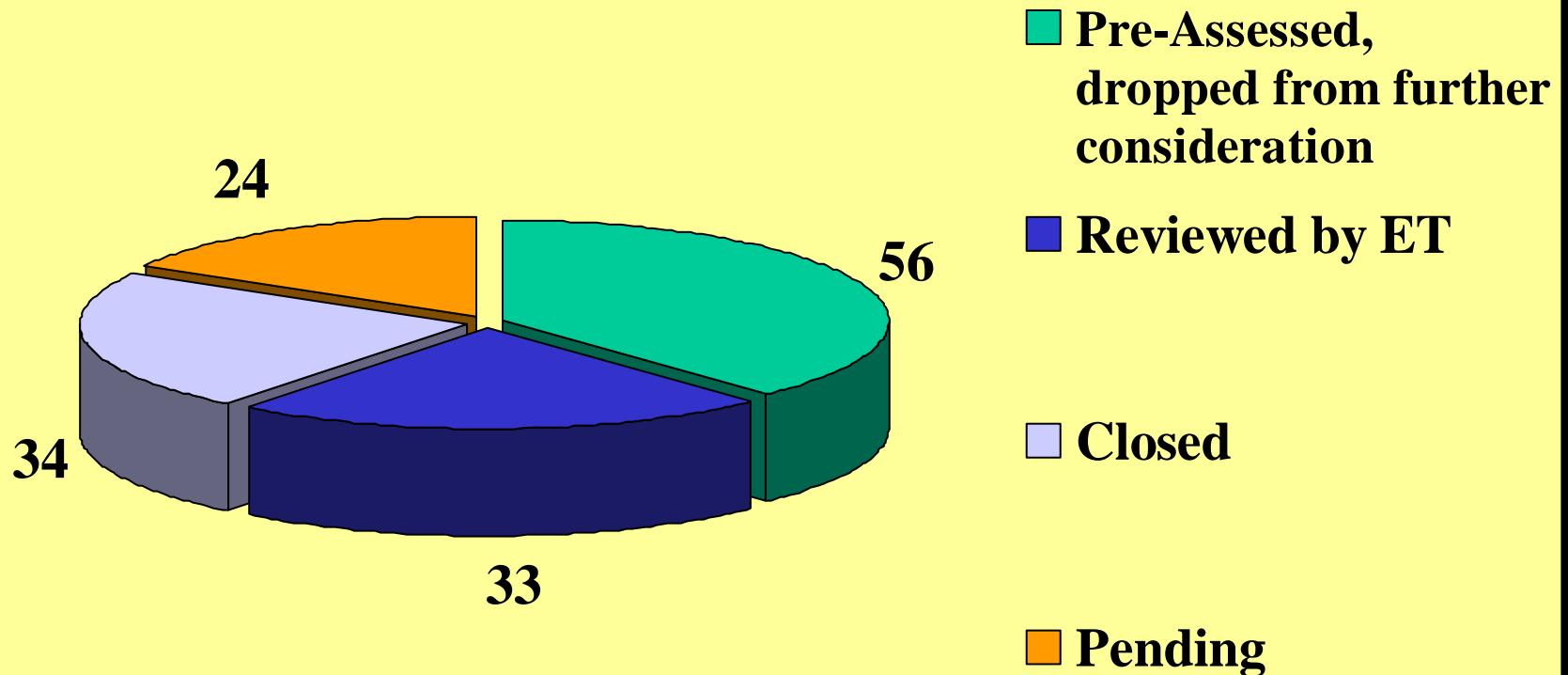
NPAG Pest Case Activity for FY 2004 and 1st Quarter FY05

118 Pest Cases Considered



NPAG Pest Case Activity for FY 2004 through 2005

147 Pest Cases Considered



New Pest Advisory Group (NPAG) Process



NPAG Report

- **Initiating Event, Notifier and affiliation, Notification date**
- **Datasheet(s)**
- **Current PPQ Policy**
- **Pest Situation Overview**
 - **Exotic Status**
 - **Biology**
 - **Prevalence and global distribution**
 - **Host Range**



New Pest Advisory Group (NPAG) Process

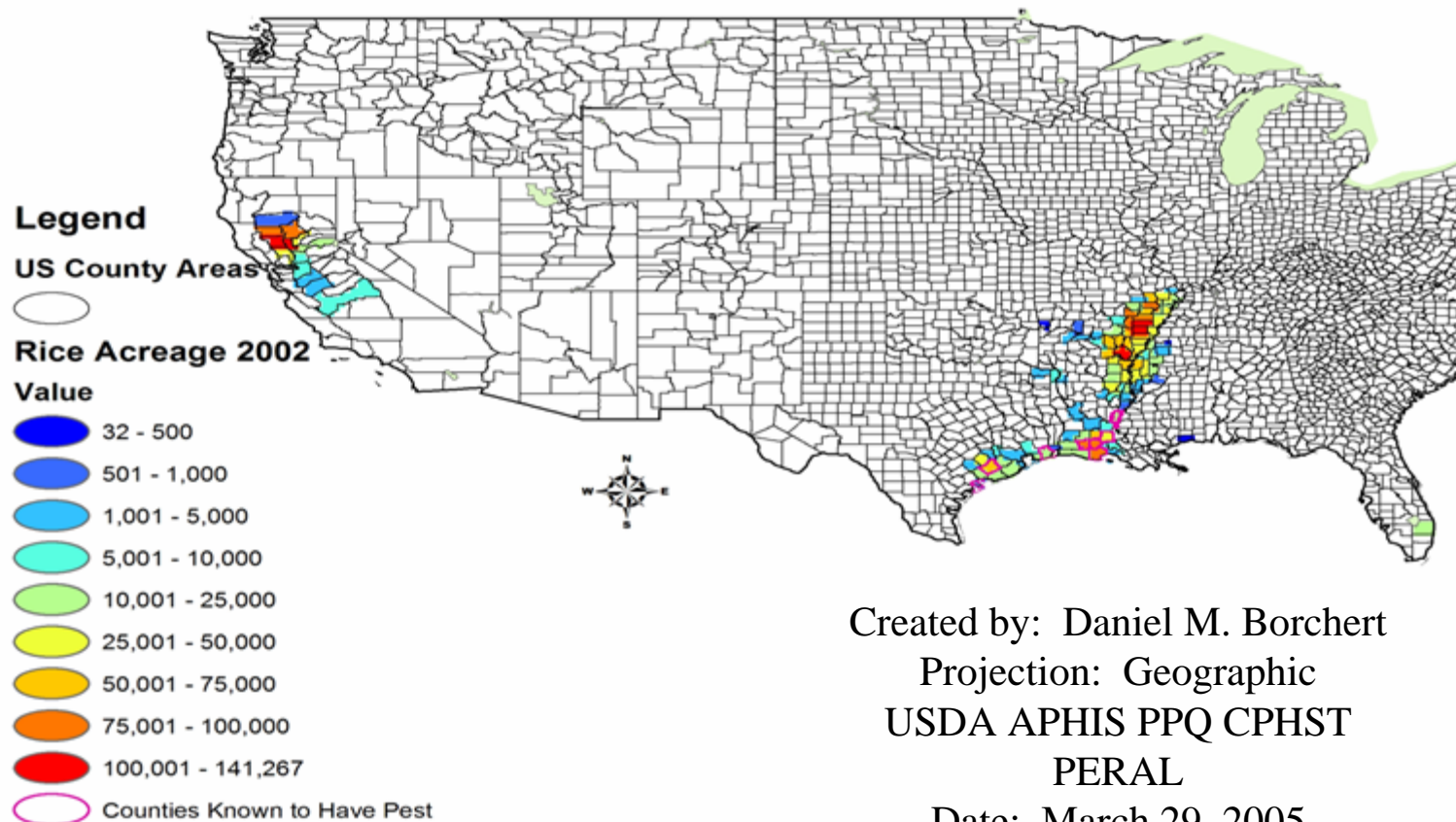
- **Pest Situation Overview (continued)**
 - Potential pathways and spread
 - Potential economic/environmental, trade implications
 - NPAG Teleconference(s)
- **Current response and activities, technology/knowledge gaps and needs**
- **NPAG recommended PPQ Policy**
- **Recommendations**
- **References**



Hydrellia wirthi Korytkowski: South American Rice Leaf Miner



Rice Acreages in United States Counties, 2002 Agricultural Statistics Service Data .



Bemisia tabaci Biotype Q: Whitefly Biotype Q

PPQ will not change policy for *Bemisia tabaci* (retain as non-reportable / non-actionable). The biotype B is non-reportable / non-actionable and PPQ will apply this policy to biotype Q.

Phragmidium violaceum (Schultz) G. Winter: Blackberry Rust



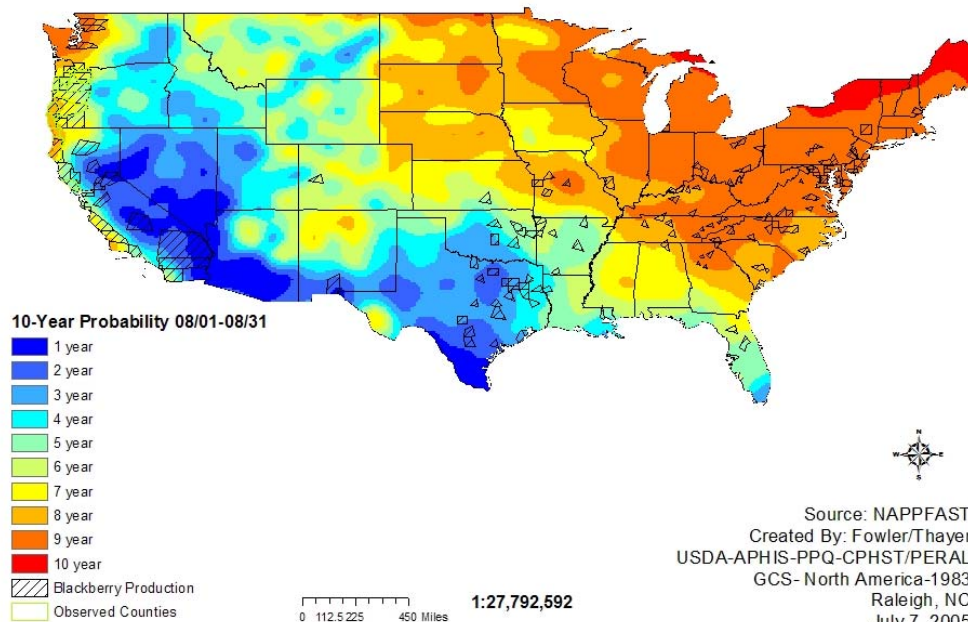
CSIRO Australia



CSIRO Europe

Blackberry Rust Infection Probability

Generic Infection Model - August



New Pest Advisory Group (NPAG):

Website: <http://www.cphst.org/npag/>



The screenshot shows the NPAG website in a Microsoft Internet Explorer browser window. The address bar displays <http://www.cphst.org/npag/>. The website header features the USDA logo, the text "United States Department of Agriculture Animal and Plant Health Inspection Service Plant Protection and Quarantine", and the APHIS logo. Below the header, there are four tabs: "USDA Home", "APHIS Home", "PPQ Home", and "CPHST Home". The "USDA Home" tab is active, showing a "Menu" with links to "Mission", "Who Are We?", "Expectations", "Authority", "The NPAG Process", "Participants", "Sample Data Sheets", "Teleconference Information", "Links of Interest", "Contact Us", and "NPAG Partners Only". The main content area displays the "New Pest Advisory Group" logo, which is a blue circle containing a stylized plant with roots. Below the logo, the "Mission:" section states: "NPAG assesses new and potential introductions of exotic plant pests into the USA in order to recommend the appropriate course of action. Pests may include arthropods, plant pathogens, nematodes, weeds, and mollusks." A paragraph below the mission statement reads: "Once a candidate pest has been identified, NPAG members convene an *ad hoc* panel of members from federal, state and university sources with regulatory and scientific expertise for that particular exotic pest. Through literature searches, data sheet preparation, and discussion with the panel, the NPAG..." The browser's taskbar at the bottom shows the Start button, several open applications including Microsoft PowerPoint, and the system clock displaying 12:31 PM.

NPAG WEBSITE and CONTACT INFORMATION



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